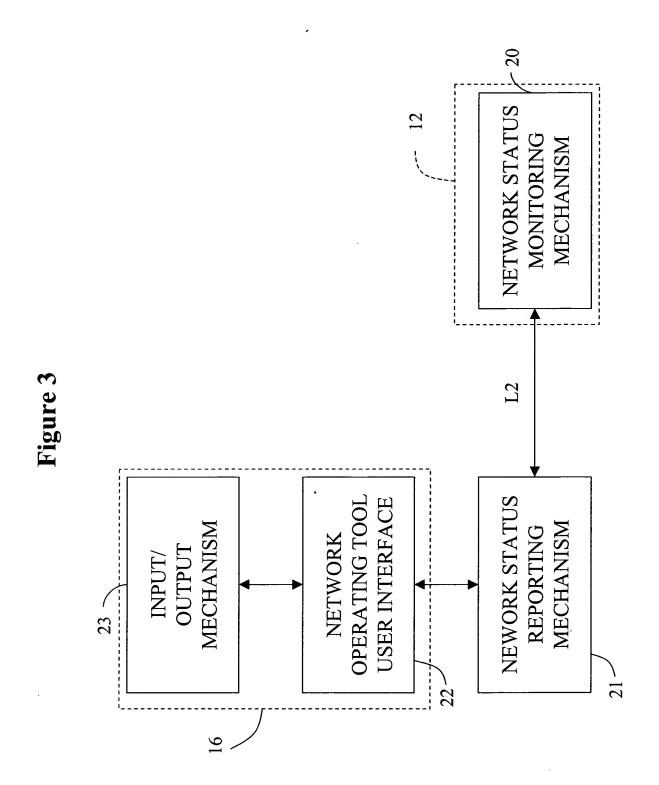


Serial No. 09/575,677 REPLACEMENT SHEET <u>2</u> OF <u>21</u> 14D RECOGNITION VOICE 13B UNIT $SWITCH_n$ 14C VOICE RESPONSE UNIT REAL TIME MANAGER STATUS SWITCH₁ 14B TELECONFERENCING Figure 2 13A √ 14A **OPERATION** NETWORK CONSOLE DATABASE REAL TIME DAEMON 16B CONTROL **DAEMON** FLOW **OPERATION** NETWORK CONSOLE 17 / [] 16A 15

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DAVIDSON BERQUIST, ET AL. DOCKET NO.: 2655-0036 Serial No. 09/575,677 REPLACEMENT SHEET 4 OF 21

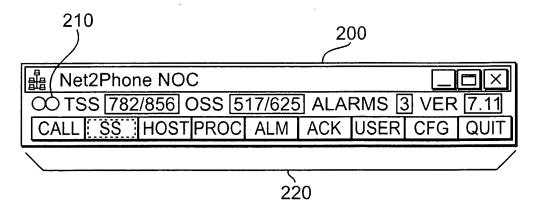


FIG. 4

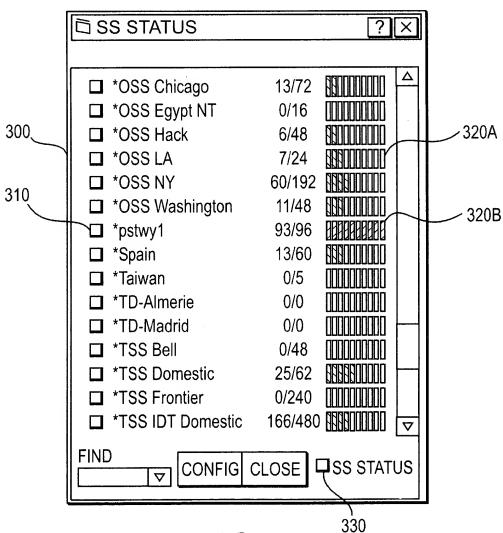
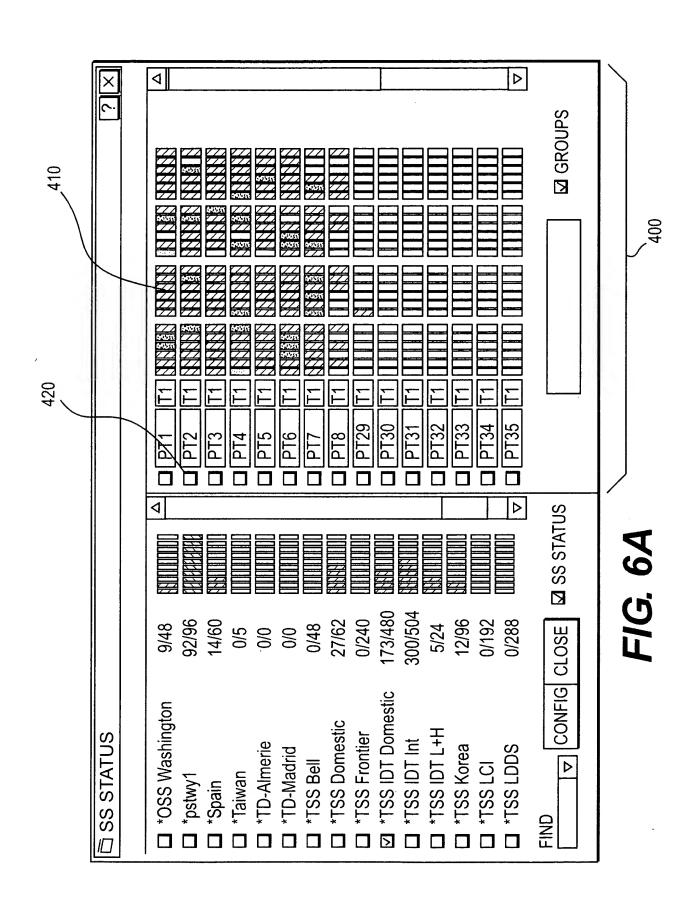


FIG. 5

DAVIDSON BERQUIST, ET AL. DOCKET NO.: 2655-0036 Serial No. 09/575,677 REPLACEMENT SHEET <u>5</u> OF <u>21</u>



DOCKET NO.: 2655-0036 Serial No. 09/575,677 REPLACEMENT SHEET 6 OF 21 430 400 H/Carrier Boston - idt - 13-brd-dpp-0092 - Boston Carrier shelf "slot" ٥ 001 숭 **PROPERTIES** 420 PT30 PT5 PT6 4 \triangleright SS STATUS 9/48 92/96 14/60 0/5 0/0 0/48 27/62 0/240 173/480 12/96 0/192 0/288 CONFIG CLOSE ■ *OSS Washington *TSS Domestic 1*TSS IDT Int 1*TSS IDT L+H SS STATUS **|*TSS Frontier** ■*TSS Korea ■ *TD-Almerie □ *TSS LDDS *TD-Madrid ₽ *TSS Bell □*TSS LCI ■ *Taiwan □ *pstwy1 □*Spain

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FIG. 6B

DAVIDSON BERQUIST, ET AL. DOCKET NO.: 2655-0036 Serial No. 09/575,677 REPLACEMENT SHEET <u>7</u> OF <u>21</u>

,				
	× -		STATISTICS— TALK: 19 DIAL: 4 INIT: 0 EOC: 0 O MANUAL © 30 SECONDS O 1 MINUTE O 5 MINUTE O 5 MINUTE	
			4	
		SW/PC	000/000 000/000 000/000 000/000 000/000 000/000 000/000 000/000	
		SON VERSION	P2p/21 P2p/21 P2p/21 P2p/21 P2p/21 P2p/21 P2p/21 P2p/21 P2p/21 P2p/21 P2p/21 P2p/21 P2p/21 P2p/21 P2p/21	
		HOST:CHAN REASON VERSION	@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@	
500 S		TIME	16:21:03 16:23:00 16:20:18 16:20:18 16:23:47 16:26:17 16:26:29 16:25:04 16:23:40 16:23:40 16:23:40 16:23:40	
ις)		STE T	TALK TALK TALK TALK TALK TALK TALK TALK	
		CALLID S	406814 T 387129 T 406726 T 406726 T 387367 T 384787 T 407618 T 387363 T 387363 T 387941 T 387369 T 387369 T 387369 T 387369 T 387369 T 407702 T	
			2264583 3675150 5688707 8318509 8231116 8548942 3853901 6956231 9841904 2381770 5952195 4770230 3417966 5167556 6490965	
	,	N		
	倉 <mark>倉</mark> NET2PHONE: RTDB STATUS FILE SORT	ACCOUNT	41555405 61244754 84796317 34065214 89580047 92546032 71864275 70453191 01822748 21267551 20262513 85253834 39165217 73008682 spc2.46.	
	AB NET2PHON		CALL INFO: HANGUP UNLOCK MESSAGE CLEAR EOC	

FIG. 7

DAVIDSON BERQUIST, ET AL. DOCKET NO.: 2655-0036 Serial No. 09/575,677 REPLACEMENT SHEET <u>8</u> OF <u>21</u>

×																	· · · · · ·				
B. RTDB: REGISTRATION	ACCOUNT: [CUSTOMER ID	BALANCE: [\$25.01 PIN: [9076	GROUP: OTHER	SFLAGS: 0	STATUS: [0	FIRST:	LAST:	COMPANY:	ADDRESS 1:	ADURESS 2:	STATE: MN	COUNTRY: US	ZIP:	PHONE:	EMAIL:	SOURCE:	REGISTRATION DATE: 9/17/98 1:52:35 PM	LAST UPDATE: 9/18/98 6:06:09 PM	EXPIRATION DATE: NA	REGISTRATION IP:
B RTDB: CALL DETAIL	Δ. Ο. Τ.		ON:	CALL_ID: 98383677	STATE: TALK	SS_HOST: SS.1@PT17	CHANNEL: [6	IP_ADDR: 169:	TCP PORT: 5008	TIME LEFT: 01:04:00	INIT_TIME: 3/23/99 4:14:26 pm	DIAL_TIME: 3/23/99 4:14:34 pm	SOC_TIME: 3/23/99 4:14:51 pm	EOC_TIME: NA	EOC_REASON: UNK	ELAPSED TIME: 00:09:14	VERSION: P3PI31	17[1]	CLOSE		

F/G. 8

DAVIDSON BERQUIST, ET AL. DOCKET NO.: 2655-0036 Serial No. 09/575,677 REPLACEMENT SHEET 9 OF 21

☐ N2P PROCESSES	SESSES			
MACHINE	PROCESS	STATE	PID	
\P2	mcd	active	12217	ব
\P2	misrecv	active	6922	
4P2	n2pd	active	20125	
AP2	rgmain	active	10197	T
4P2	rmgr	active	24986	
4P2	rtdb	active	8980	
AP3	acctd	active	7073	
4P3	am	active	5201	
4P3	amlocal	active	5202	
4P3	cdrd	active	5211	Ī
AP3	doorman	active	5204	
VP3	frontend	active	10315	
VP3	mcd	active	8090	
4P3	misrecv	active	18653	
AP3	n2pd	active	24229	D
START	STOP	BOUNCE	,]
SIGTERM	SIGKILL	SIGABRT	CLOSE	

| CLOSE | CLO

FIG. 10

F/G. 9

DAVIDSON BERQUIST, ET AL. DOCKET NO.: 2655-0036 Serial No. 09/575,677 REPLACEMENT SHEET <u>10</u> OF <u>21</u>

MESSAGE T1 Restored (Yellow Alarm) T1 Yellow Alarm Reestablished contact with host	ACTION Alarm ned contact with host CKNOWLEDGE	
Alarm ned contact with host	h host	SEV ACK HOST PROCESS
host	h host	ny5 portmngr.1
		egn1 n2pd
		+-
	00	
	0	
	00 2 1 00 CLOSE	

FIG. 11

DAVIDSON BERQUIST, ET AL. DOCKET NO.: 2655-0036 Serial No. 09/575,677 REPLACEMENT SHEET 11 OF 21

☐ USERS		X
NAME	IP ADDRESS	VERSION
santo	169.132.4.78	7.12
pa	169.132.4.69	7.12
naray	203.248.128.82	6.11
eli	169.132.65.136	7.13
nfarah	169.132.185.209	7.12
nabdul	169.132.185.89	7.06
andrian	169.132.4.67	7.12
geretz	169.132.65.131	7.09
ppiel	169.132.185.46	△ 90.7
	CLOSE	

FIG. 12

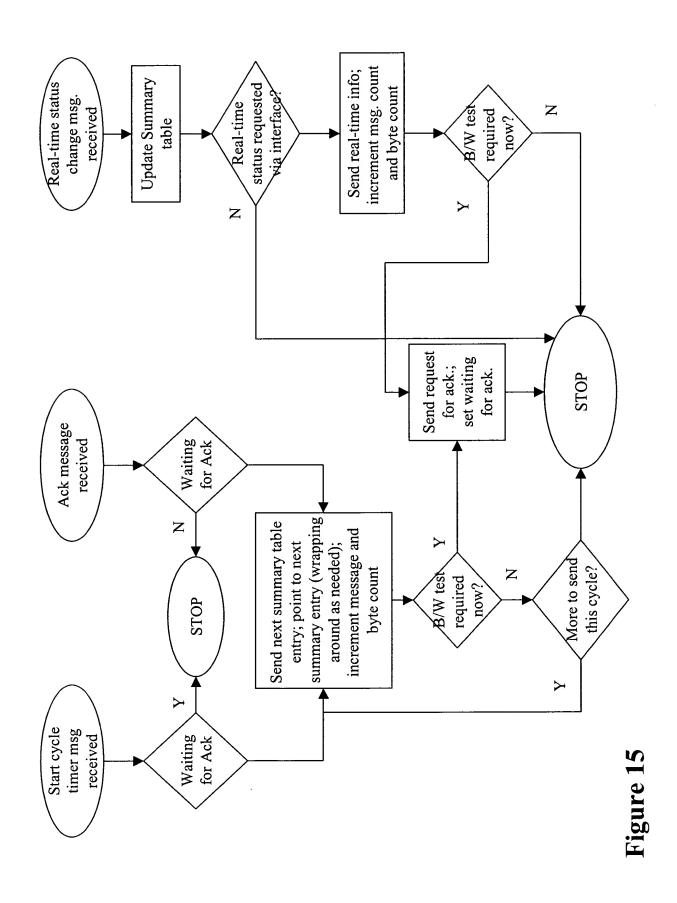
009 **SPAN N** SPAN 1 Figure 13 status changes
written into
corresponding
slots representing Real-time ports

DAVIDSON BERQUIST, ET AL. DOCKET NO.: 2655-0036 Serial No. 09/575,677 REPLACEMENT SHEET <u>13</u> OF <u>21</u>

730 720 \simeq \simeq Ω 700 О 闰 \simeq \simeq 705 710 Real-time Summary

Figure 14

DAVIDSON BERQUIST, ET AL. DOCKET NO.: 2655-0036 Serial No. 09/575,677 REPLACEMENT SHEET <u>14</u> OF <u>21</u>



DAVIDSON BERQUIST, ET AL. DOCKET NO.: 2655-0036 Serial No. 09/575,677 REPLACEMENT SHEET <u>15</u> OF <u>21</u>

Figure 16

Switch ₁₅	Switch _i				
•	•				Switch
Switch ₂ Switch ₃		•	•	•	
Switch ₂					
Switch ₁	Switch ₁₆				Switchi+1
SPAN 1 OR GROUP 1 Switch	SPAN 2 OR GROUP 2				SPAN x OR GROUP x Switchier

DAVIDSON BERQUIST, ET AL. DOCKET NO.: 2655-0036 Serial No. 09/575,677 REPLACEMENT SHEET <u>16</u> OF <u>21</u>

Port 16

Port 6

Port 5

Port 4

Port 3

Port 2

 $Switch_n \mid Port 1$

Figure 17

$Switch_1$	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	:	Port 24	
Switch ₂	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 16		
Switch ₃	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	:	Port 24	
Switch ₄ Port 1	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6			Port 32
Switch ₅ Port 1	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6			
				• • •					

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Serial No. 09/575,677

REPLACEMENT SHEET 17 OF 21

Figure 18

Switch ₁ Port 1	Customer Number	Account Number	Balance	Field 4	Field 5	:	Field n
Switch ₁ Port 2	Customer Number	Account Number	Balance	Field 4	Field 5	•	Field n
Switch ₁ Port 3	Customer Number	Account Number	Balance	Field 4	Field 5	•	Field n
				•••			
Switch ₁ Port 24	Customer Number	Account Number	Balance	Field 4	Field 5	•••	Field n
		·		•••			
Switch _n Port 1	Customer Number	Account Number	Balance	Field 4	Field 5	•	Field n
Switch _n Port 2	Customer Number	Account Number	Balance	Field 4	Field 5	•	Field n
Switch _n Port 3	Customer Number	Account Number	Balance	Field 4	Field 5	•••	Field n
				•••			
Switch _n Port 16 Customer Number	Customer	Account Number	Balance	Field 4	Field 5	•	Field n

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DAVIDSON BERQUIST, ET AL. DOCKET NO.: 2655-0036 Serial No. 09/575,677 REPLACEMENT SHEET <u>18</u> OF <u>21</u>

Figure 19

6 (J) z

Switch

Switch ₂ Port 24	Switch ₃ Port 24
•	•
Switch ₂ Port 6	Switch ₃ Port 6
Switch ₂ Port 5	Switch ₃ Port 5
Switch ₂ Sport 4	Switch ₃ Port 4
Switch ₂ Port 3	Switch ₃ Port 3
Switch ₂ Port 2	Switch ₃ Port 2
Switch ₂ Port 1	Switch ₃ Port 1

Switch,

Switch,

rt 1 Switch ₆ Port 1 Swi	Balance Field 4 Field 5 ··· Field n	Switch, Port 2 Switch, Port 2	Balance Field 4 Field 5 ··· Field n	
1 Switch	Fiel	2 Switch	Fiel	
Switch ₆ Port	Field 4	Switch ₆ Port	Field 4	
Switch ₆ Port 1	Balance	Switch ₆ Port 2	Balance	•
Switch ₆ Port 1	Account No.	Switch ₆ Port 2	Account No.	
Switch ₆ Port 1 Switch ₆]	Customer No. Accoun	Switch ₆ Port 2	Customer No. Account No.	

. .

Switch, Port 24 Switch,	Switch ₆ Port 24	Port 24 Switch, Port 24 Switch, Port 24 Switch, Port 24	Switch ₆ Port 24	Switch ₆ Port 24		Switch ₆ Port 24
Customer No.	Account No.	Balance	Field 4	Field 5	:	Field n

Switch,

DAVIDSON BERQUIST, ET AL. DOCKET NO.: 2655-0036 Serial No. 09/575,677 REPLACEMENT SHEET 19 OF 21

\times		4		96	4													Þ			
		TYPE ALLS	DC N2P	111996	0	10943	85619	85551	85550 85536	10833	10833	10832	85149	10796	10732	84421	84119	83872	Δ		
		SERVICE ACCOUNT			l VE	dc/21	dc/21	dc/21	dc/21	dc/21	dc/21	dc/21	dc/21	dc/21	dc/21	dc/21	dc/21	dc/21			
		RVICE, LL CUS	732		SUR	88	22	₽:	22	2	å	2	22	22	å	8 N	ž	Š			
		SIA			CONN	Yes	Yes	Xes:	Yes Yes	Xes	Yes	Yes	Yes V	kes 2	Yes	Yes	Yes	Yes			
				05/05/99	TELNO	2329	0436	4437	4433 2322	4497	2322	2322	1402	1402	1402	1402	1402	1402			
				END DATE	ANI	007329	007329	007329	00/329	007329	007329	007329	00/329	007329	007329	007329	007329	007329			
	\$	GROUP ID	NAME [ACCESS#	88853	88853	88853	88853 88853	88853	88853	88853	88853	88853	88853	88853	88853	88853		64	
		GRO	LAST NAME	E 04/04/9	COST	\$0.50	\$0.25	\$0.75	\$0.25 \$8.75	\$0.25	\$0.25	\$0.25	\$2.75	\$0.25 \$0.25	\$2.25	\$5.00	\$3.00	\$1.25		T \$61.40	
				START DATE 04/04/99	DUR	00:01:28	00:00:16	00:02:26	00:00:50	00:00:05	00:00:26	00:00:36	00:10:50	00:00:01	00:08:41	00:19:23	00:11:03	00:04:16	A CONTRACTOR OF THE CONTRACTOR	TOTAL COST	740
	6	1143325	JEFF	92	TIME	09:42 pm	38:38 pm)5:13 pm)5:12 pm 14:36 pm	7.35 pm 74:13 pm)4:12 pm)2:55 pm	79:29 pm	10:03 pm	33	33		10:13 pm			INIO C.CC.40 DA
JICALLS ILE ACTIONS		CUSTOMER	FIRST NAME		DATE	05/03/99												04/24/99	4		

FIG. 20A

DAVIDSON BERQUIST, ET AL. DOCKET NO.: 2655-0036 Serial No. 09/575,677 REPLACEMENT SHEET <u>20</u> OF <u>21</u>

4)

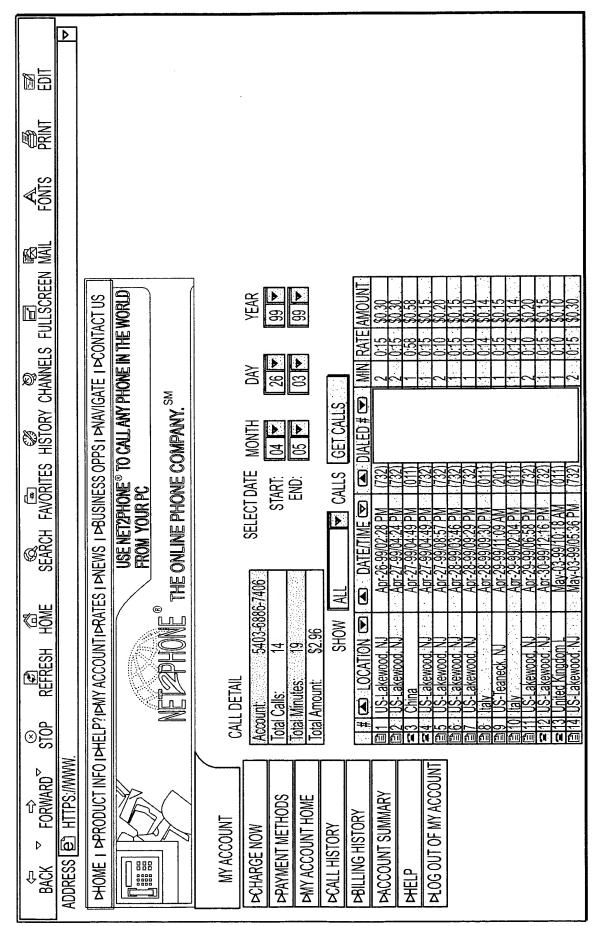


FIG. 20B

DAVIDSON BERQUIST, ET AL. DOCKET NO.: 2655-0036 Serial No. 09/575,677 REPLACEMENT SHEET 21 OF 21

9 2

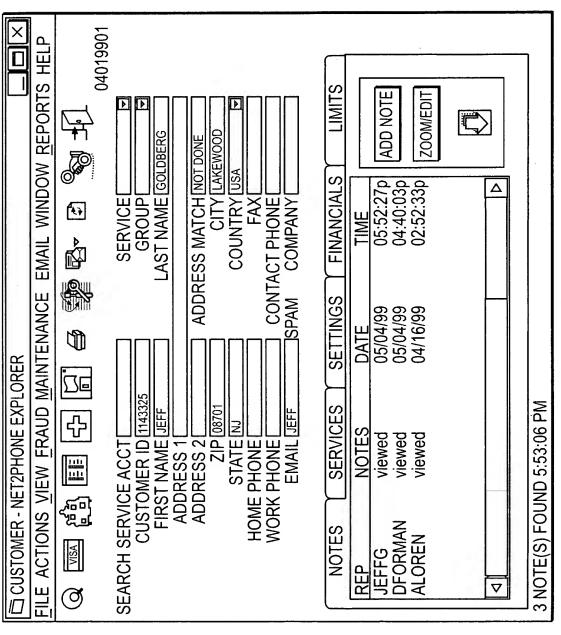


FIG. 20C